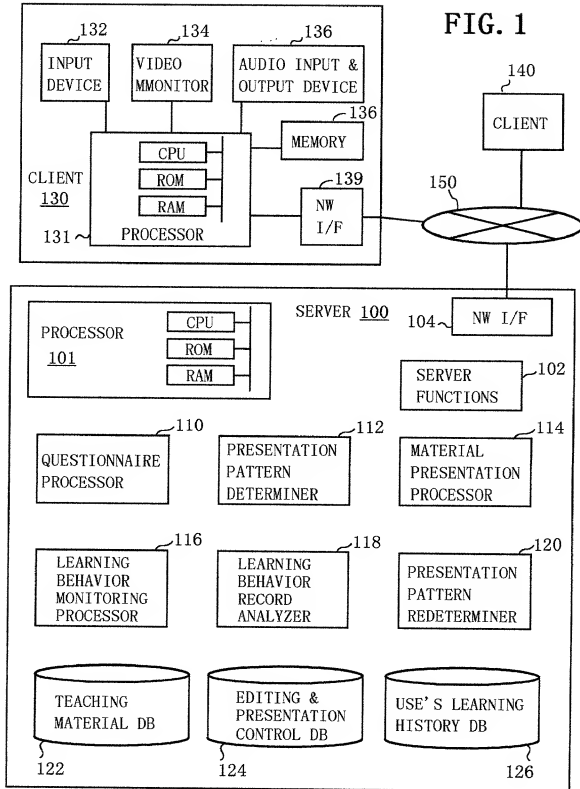
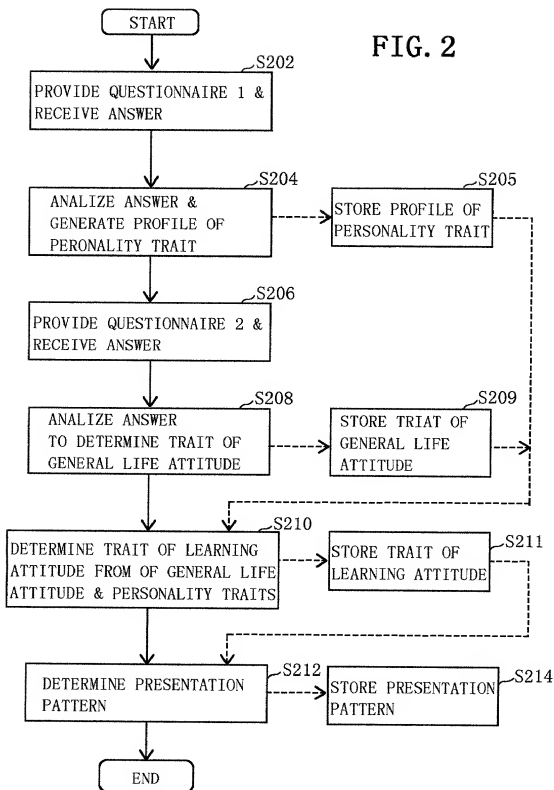


FIG. 1





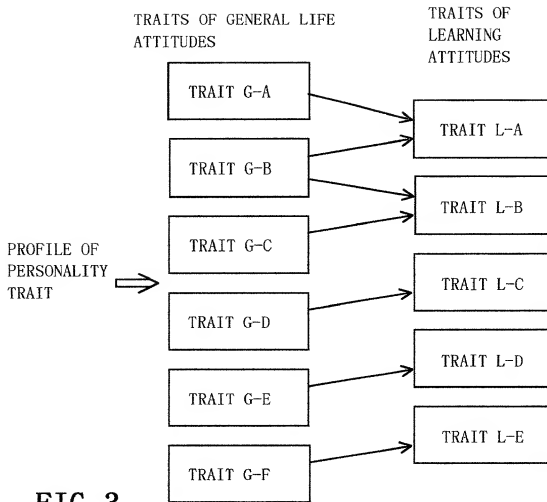


FIG. 3

LEARNING
ATTITUDE TRAITS

PRESENTATION PATTERNS
OF TEACHING MATERIAL

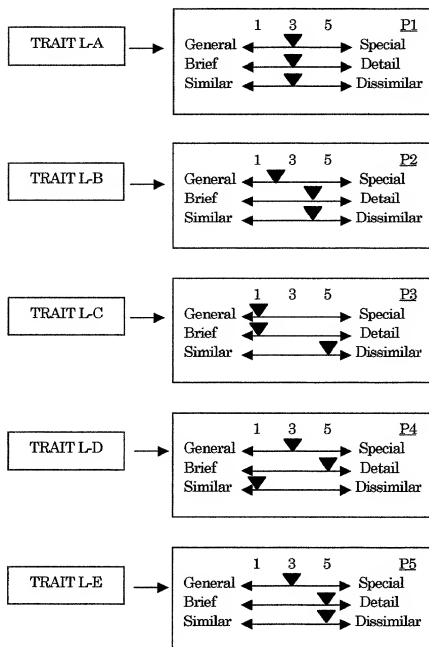


FIG.4

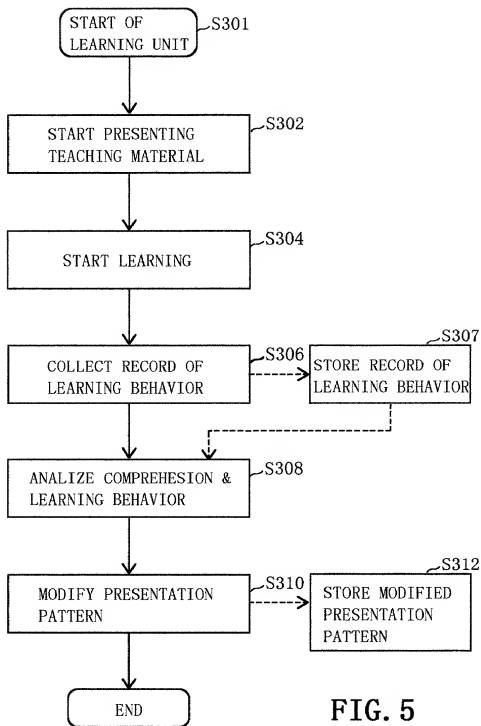


FIG. 5

REFERENCE LEARNING BEHAVIORS

TRAITS OF APPROACHES

LB1

time to understand: short ← ● → long
 number of times to review: small ← ● → large
 number of times to see item: small ← ● → large
 number of answered questions: small ← ● → large
 order of answering questions: sequential ← ● → random
 rate of correct answers: low ← ● → high
 time to think: short ← ● → long

→ TRAIT A-A

LB2

time to understand: short ← ● → long
 number of times to review: small ← ● → large
 number of times to see item: small ← ● → large
 number of answered questions: small ← ● → large
 order of answering questions: sequential ← ● → random
 rate of correct answers: low ← ● → high
 time to think: short ← ● → long

→ TRAIT A-B

LB3

time to understand: short ← ● → long
 number of times to review: small ← ● → large
 number of times to see item: small ← ● → large
 number of answered questions: small ← ● → large
 order of answering questions: sequential ← ● → random
 rate of correct answers: low ← ● → high
 time to think: short ← ● → long

→ TRAIT A-C

LB4

time to understand: short ← ● → long
 number of times to review: small ← ● → large
 number of times to see item: small ← ● → large
 number of answered questions: small ← ● → large
 order of answering questions: sequential ← ● → random
 rate of correct answers: low ← ● → high
 time to think: short ← ● → long

→ TRAIT A-D

FIG.6A

REFERENCE LEARNING BEHAVIORS

TRAITS OF APPROACHES

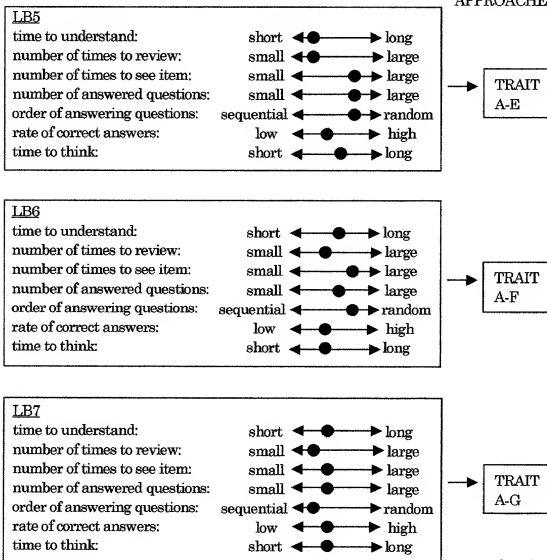


FIG.6B

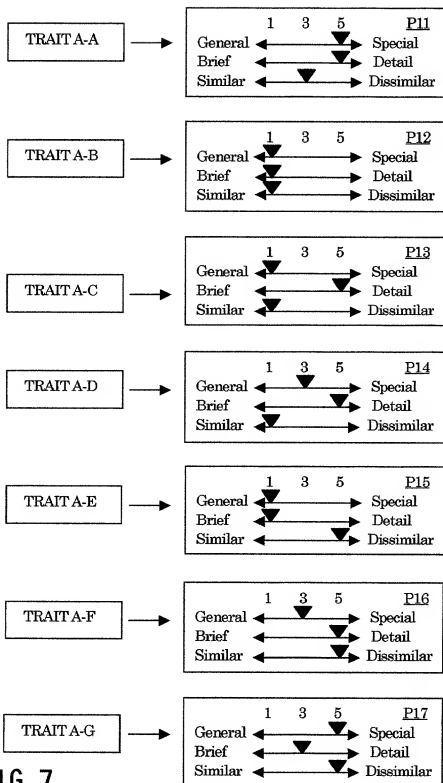


FIG. 7

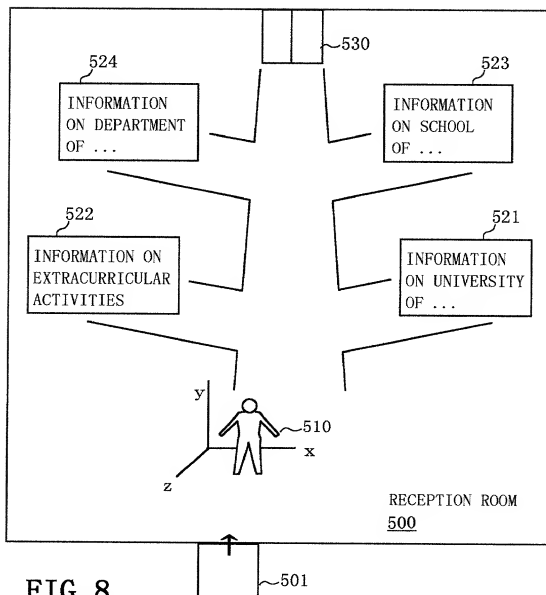


FIG. 8